

AMENDMENTS TO THE ABSTRACT

Please replace the abstract with the following:

ABSTRACT

An asphalt surface repair apparatus comprising: a single vehicle road repair system having a front and a rear portion, that includes on the vehicle: a heating gas source, at least one heater carried by the vehicle such that the at least one heater being movable to a lowered horizontally disposed position that is substantially approximate to a surface to be repaired, a hot new asphalt source, a rejuvenating liquid source, a rejuvenating liquid dispenser, and a sensor for sensing the distance between the at least one heater and the surface to be repaired so that the heating can be controlled by the proximity to the surface to be repaired, wherein the at least one heater is capable of heating to a temperature upon being turned on in less than about five seconds, cooling to an ambient temperature upon being turned off in less than about five seconds, or a combination of both.